



## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

**“जानने का अधिकार, जीने का अधिकार”**

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

**“पुराने को छोड़ नये के तरफ”**

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6785 (1982): Plate, Bone, Wainwright, Osteotomy [MHD 2:  
Orthopaedic Instruments, Implants and Accessories]

**“ज्ञान से एक नये भारत का निर्माण”**

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



**“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”**

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”





BLANK PAGE



PROTECTED BY COPYRIGHT



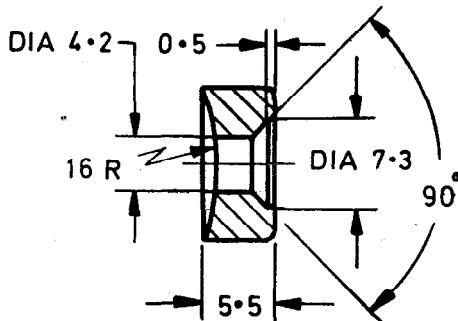
Indian Standard

## SPECIFICATION FOR PLATE, BONE, WAINWRIGHT, OSTEOTOMY

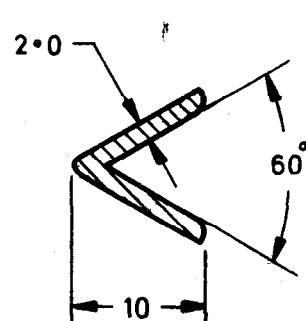
(First Revision)

**1. Scope** — Dimensional and other requirements for Wainwright osteotomy bone plate used as an implant in orthopaedic surgery.

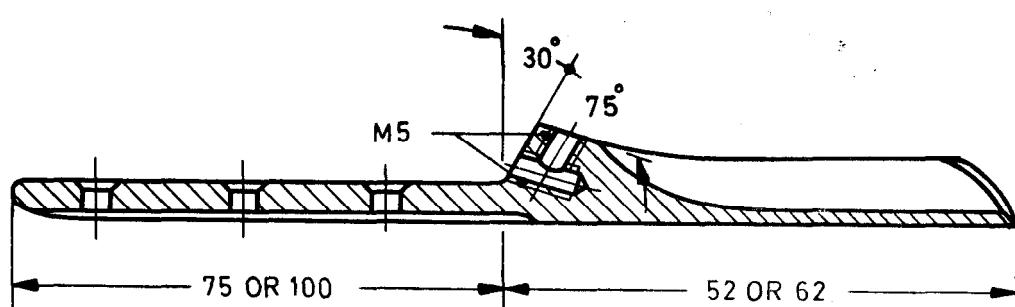
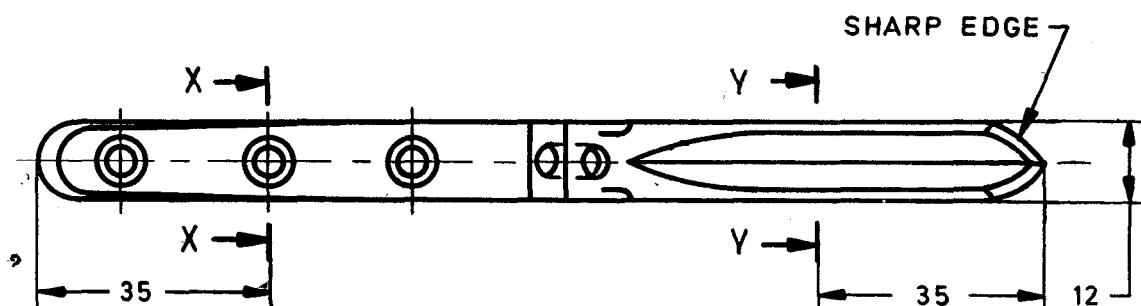
**2. Shape and Dimensions** — shall be as shown in Fig. 1.



SECTION XX



SECTION YY



All dimensions in millimetres

FIG. 1 BONE PLATE, WAINWRIGHT, OSTEOTOMY

**2.1** The deviation of  $\pm 2.5$  percent shall be permitted on all dimensions.

**3. Material** — Any of the materials specified in 3 of IS : 5347-1979 'General requirements of metal surgical implants (first revision)'.

### 4. Workmanship and Finish

**4.1** The bone plate shall be made in one piece to give the required shape.

Adopted 26 February 1982

© May 1982, ISI

Gr 1

**4.2** The holes shall be well-made and uniform in spacing and shall be symmetrical with respect to the central line.

**4.3** The blade portion shall be formed in 'V' shape and the tip of the blade shall be sharp.

**4.4** All sharp edges shall be rounded except the tip of the blade.

**4.5** The threads, wherever provided, shall be well-formed and clean.

**4.6** The plate shall be free from pits, cracks, burrs, blemishes and other surface defects.

**4.7** The plate shall be electropolished and passivated.

**5. Tests**

**5.1** *Corrosion Resistance Test* — shall be according to **6.1** of IS : 5347-1979.

**5.2** *Radiological Test* — shall be according to **6.2** of IS : 5347-1979.

**6. Marking** — shall be according to **5.1** of IS : 5347-1979.

**6.1** *ISI Certification Marking* — Details available from the Indian Standards Institution.

**7. Packing** — The plates may be packed as agreed to between the purchaser and the supplier. However, it is recommended that each plate may be wrapped in polyethylene bag or in wax paper and then packed individually in cartons.